

DETAILED ACTION

Response to Arguments

1. Applicant's arguments, see Amendment After Final, filed 3/16/11, with respect to claims 1, 3, 6, 9-11, 14, 30, 33-34, 36-40, 42, 46, and 53 have been fully considered and are persuasive. The previous rejection has been withdrawn.

EXAMINER'S AMENDMENT

2. An examiner's amendment to the record appears below. Should the changes and/or additions be unacceptable to applicant, an amendment may be filed as provided by 37 CFR 1.312. To ensure consideration of such an amendment, it MUST be submitted no later than the payment of the issue fee.

Authorization for this examiner's amendment was given in a telephone interview with Ronald Neerings on 3/21/11.

The application has been amended as follows:

a) Regarding claim 46, on line 11, please delete "transmitted by the transmitter" after "signal".

Allowable Subject Matter

3. Claims 1, 3, 6, 9-11, 14, 30, 33-34, 36-40, 42, 46, and 53 are allowed.

4. The following is an examiner's statement of reasons for allowance: None of the prior art teaches or suggests a closed-loop transmit diversity as the instant application. In specific, using the closed-loop transmit diversity weighting vector, channel estimate,

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and spreading codes for each user to suppress interference, and the specific zero forcing function to estimate the signal as claimed.

Any comments considered necessary by applicant must be submitted no later than the payment of the issue fee and, to avoid processing delays, should preferably accompany the issue fee. Such submissions should be clearly labeled "Comments on Statement of Reasons for Allowance."

Conclusion

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Eva Y Puente whose telephone number is 571-272-3049. The examiner can normally be reached on M-F, 7:30 AM to 5:00 PM.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Chieh Fan can be reached on 571-272-3042. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).

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